

INJECTION WELL MONITORING REPORT

Brine Disposal Well #1, Wayne County, Michigan

UIC PERMIT MI-163-2D-0001

LPG-BD-Permit #146

Month January Year 2015

FEB 10 2015

UIC BRANCH
EPA, REGION 5

Facility:

Marathon Pipe Line LLC
Woodhaven Station
24400 Allen Road
Woodhaven MI 48183

Owner:

Marathon Pipe Line LLC
539 S. Main Street
Findlay, OH 45840

Facility Contact:

Raymond Price
734/676-7775

Owner Contact:

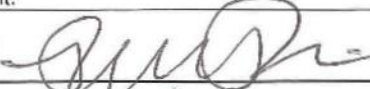
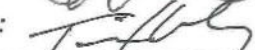
Jon Rupp
419/421-3295

			Previous End of Month Close Meter Reading		7	
Name	Date	Injection Pressure (psig)	Annulus Pressure (psig)	Injection Rate (bbl/day)	Cumulative Volume (bbl)	Annulus Liquid Level
Randy Mammo	1/4/15	0	0	0	7	Full
S. Townley	1-11-15	0	0	0	7	Full
S. Townley	1-17-15	0	0	0	7	Full
Randy Mammo	1/25/15	0	0	0	7	Full
Average Value		0	0	0	Monthly Total Injected	Annulus Volume Added
Highest Value		0	0	0		
Lowest Value		0	0	0		

Comments:

Certification

I certify under the penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Raymond Price / Northeast Area Manager	Signature 	Date 1-27-15
Tim Haley / ES&R Manager	Signature: 	Date: 2-2-15

OPER/INSPGT/72C

Distribution: Area Office for 2 yrs. plus current year then FRC
Rev.8/0

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INJECTION WELL MONITORING REPORT

Brine Disposal Well #1, Wayne County, Michigan
UIC PERMIT MI-163-2D-0001

LPG-BD-Permit #146
Month February Year 2015

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MAR 10 2015

UIC BRANCH
REGION 5

Facility:
Marathon Pipe Line LLC
Woodhaven Station
24400 Allen Road
Woodhaven MI 48183

Owner:
Marathon Pipe Line LLC
539 S. Main Street
Findlay, OH 45840

Facility Contact:
Raymond Price
734/676-7775

Owner Contact:
Jon Rupp
419/421-3295

		Previous End of Month Close Meter Reading			7	
Name	Date	Injection Pressure (psig)	Annulus Pressure (psig)	Injection Rate (bbl/day)	Cumulative Volume (bbl)	Annulus Liquid Level
F Mullins	2-1-15	0	0	0	7	0
A Goldsmith	2-8-15	0	0	0	7	0
G Wilkinson	2-15-15	0	0	0	7	0
F. Mullins	2-22-15	0	0	0	7	0
Average Value		0	0	0	Monthly Total Injected	Annulus Volume Added
Highest Value		0	0	0		
Lowest Value		0	0	0		
					0	Full

Comments:

Certification

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Raymond Price / Northeast Area Manager	Signature <u>Jason Drew</u> ON BEHALF OF Raymond Price	Date <u>3/2/15</u>
Tim Haley / ES&R Manager	Signature <u>[Signature]</u>	Date: <u>3/5/15</u>

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Distribution: Area Office for 2 yrs, plus current year then FRC
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INJECTION WELL MONITORING REPORT

Brine Disposal Well #1, Wayne County, Michigan
UIC PERMIT MI-163-2D-0001

APR 13 2015

LPG-BD-Permit #146
Month March Year 2015

UIC BRANCH
EPA REGION 5

Facility:
Marathon Pipe Line LLC
Woodhaven Station
24400 Allen Road
Woodhaven MI 48183

Owner:
Marathon Pipe Line LLC
539 S. Main Street
Findlay, OH 45840

Facility Contact:
Raymond Price
734/676-7775

Owner Contact:
Jon Rupp
419/421-3295

			Previous End of Month Close Meter Reading			
Name	Date	Injection Pressure (psig)	Annulus Pressure (psig)	Injection Rate (bbl/day)	Cumulative Volume (bbl)	Annulus Liquid Level
R. Mammis	3/1/15	0	0	0	7	Full
S. Townkey	3-7-15	0	0	0	7	FULL
S. Townkey	3-14-15	0	0	0	7	Full
R. Mammis	3/22/15	0	0	0	7	Full
F. Mullins	3-29-15	0	0	0	7	Full
Average Value		0	0	0	Monthly Total Injected	Annulus Volume Added
Highest Value		0	0	0		
Lowest Value		0	0	0		

Comments:

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Raymond Price / Northeast Area Manager	Signature 	Date 4-1-15
Tim Haley / ES&R Manager	Signature: 	Date: 4-6-15

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UIC BRANCH

EPA REGION 5

Facility:

Marathon Pipe Line LLC
Woodhaven Station
24400 Allen Road
Woodhaven MI 48183

INJECTION WELL MONITORING REPORT

Brine Disposal Well #1, Wayne County, Michigan
UIC PERMIT MI-163-2D-0001

LPG-BD-Permit #146

Month 4 Year 15

COPY

Owner:

Marathon Pipe Line LLC
539 S. Main Street
Findlay, OH 45840

Facility Contact:

Raymond Price
734/676-7775

Owner Contact:

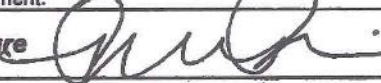

Jon Rupp
419/421-3295

			Previous End of Month Close Meter Reading		<u>7</u>	
Name	Date	Injection Pressure (psig)	Annulus Pressure (psig)	Injection Rate (bbl/day)	Cumulative Volume (bbl)	Annulus Liquid Level
G. Willerson	4/4/15	0	0	0	7	Full
G. Willerson	4/12/15	0	0	0	7	Full
R. Manno	4/26/15	0	0	0	7	Full
F. Mullins	4-19-15	0	0	0	7	Full
Average Value		0	0	0	Monthly Total Injected	Annulus Volume Added
Highest Value		0	0	0		
Lowest Value		0	0	0		

Comments:

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Raymond Price / Northeast Area Manager	Signature 	Date 5-1-15
Tim Haley / ES&R Manager	Signature 	Date 5/4/15

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INJECTION WELL MONITORING REPORT

Brine Disposal Well #1, Wayne County, Michigan
UIC PERMIT MI-163-2D-0001

LPG-BD-Permit #146

Month MAY Year 2015

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JUN 10 2015

UIC BRANCH

Owner Contact:
Jon Rupp
419/421-3295

Facility:

Marathon Pipe Line LLC
Woodhaven Station
24400 Allen Road
Woodhaven MI 48183

Owner:

Marathon Pipe Line LLC
539 S. Main Street
Findlay, OH 45840

Facility Contact:

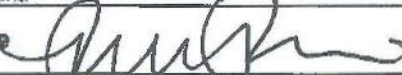

Raymond Price
734/676-7775

			Previous End of Month Close Meter Reading			
Name	Date	Injection Pressure (psig)	Annulus Pressure (psig)	Injection Rate (bbl/day)	Cumulative Volume (bbl)	Annulus Liquid Level
S. Townley	5-2-15	0	0	0	7	Full
S. Townley	5-9-15	0	0	0	7	Full
Randy Mammis	5/17/15	0	0	0	7	Full
Fern Mullins	5-24-15	0	0	0	7	Full
G. Wilcoxson	5/31/15	0	0	0	7	Full
Average Value		0	0	0	Monthly Total Injected	Annulus Volume Added
Highest Value		0	0	0		
Lowest Value		0	0	0		

Comments:

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Raymond Price / Northeast Area Manager	Signature 	Date 6-1-15
Jim Haley / ES&R Manager STEVE WILLIS	Signature 	Date 6/3/15

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REGION MGR

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INJECTION WELL MONITORING REPORT

Brine Disposal Well #1, Wayne County, Michigan
UIC PERMIT MI-163-2D-0001

LPG-BD-Permit #146

Month JUNE Year 2015

UIC BRANCH
EPA, REGION 5

Facility:
Marathon Pipe Line LLC
Woodhaven Station
24400 Allen Road
Woodhaven MI 48183

Owner:
Woodhaven Cavern LLC
539 S. Main Street
Findlay, OH 45840

Facility Contact:
Raymond Price
734/676-7775

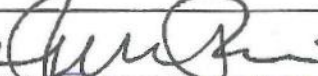

Owner Contact:
Jon Rupp
419/421-3295

			Previous End of Month Close Meter Reading		7	
Name	Date	Injection Pressure (psig)	Annulus Pressure (psig)	Injection Rate (bbl/day)	Cumulative Volume (bbl)	Annulus Liquid Level
G.W. Wilson	6/7/15	0	0	0	7	Full
Fern Mullins	6-14-15	0	0	0	7	Full
Randy Mamm ¹³³⁰	6/21/15	0	0	0	7	Full
S Townley	6-27-15	0	0	0	7	Full
Average Value		0	0	0	Monthly Total Injected	Annulus Volume Added
Highest Value		0	0	0		
Lowest Value		0	0	0		

Comments:

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Raymond Price / Northeast Area Manager	Signature 	Date 6-29-15
Steve Willis / Region Manager	Signature: 	Date: 6/29/15

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INJECTION WELL MONITORING REPORT

Brine Disposal Well #1, Wayne County, Michigan
UIC PERMIT MI-163-2D-0001

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AUG 06 2015

LPG-BD-Permit #146

Month July Year 2015

UIC BRANCH
REGION 5

Facility:
Marathon Pipe Line LLC
Woodhaven Station
24400 Allen Road
Woodhaven MI 48183

Owner:
Woodhaven Cavern LLC
539 S. Main Street
Findlay, OH 45840

Facility Contact:
Raymond Price
734/676-7775

Owner Contact:
Jon Rupp
419/421-3295

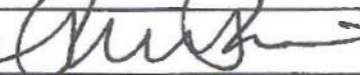

		Previous End of Month Close Meter Reading			00007	
Name	Date	Injection Pressure (psig)	Annulus Pressure (psig)	Injection Rate (bbl/day)	Cumulative Volume (bbl)	Annulus Liquid Level
S. Townley	7-4-15	0	0	0 4681	32768 37553	FULL
R. Manno	7/12/15	0	0	0	397553	FULL
F. Mullins	7-19-15	0	0	0	357553	FULL
G. Wilkinson	7/25/15	0	0	0	397553	FULL
Average Value		0	0	0	Monthly Total Injected	Annulus Volume Added
Highest Value		0	0	0		
Lowest Value		0	0	0		

well
not
used
see
comment

Comments: Due to moisture in the meter electronics, inadvertent pulses were registered in the flow computer from 7-5-2015 to 7-6-2015 causing the non-resettable meter reading to accumulate 397,546 bbls that were not pumped. AB

Certification

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Raymond Price / Northeast Area Manager	Signature 	Date 8-3-15
Steve Willis / Region Manager	Signature: 	Date: 8-3-15

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INJECTION WELL MONITORING REPORT
Brine Disposal Well #1, Wayne County, Michigan
UIC PERMIT MI-163-2D-0001

SEP 09 2015

LPG-BD-Permit #146

Month Aug Year 2015

UIC BRANCH
EPA, REGION 5

Facility:
 Marathon Pipe Line LLC
 Woodhaven Station
 24400 Allen Road
 Woodhaven MI 48183

Owner:
 Woodhaven Cavern LLC
 539 S. Main Street
 Findlay, OH 45840

Facility Contact:
 Raymond Price
 734/676-7775

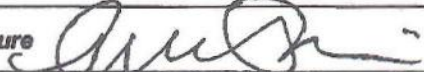

Owner Contact:
 Jon Rupp
 419/421-3295

			Previous End of Month Close Meter Reading		397553	
Name	Date	Injection Pressure (psig)	Annulus Pressure (psig)	Injection Rate (bbl/day)	Cumulative Volume (bbl)	Annulus Liquid Level
A Goldsmith	8-2-15	0	0	0	397553	Full
F. Mullins	8-9-15	0	0	0	397553	Full
R. Mammio	8/16/15	0	0	0	397553	Full
S. Townley	8-22-15	0	0	0	397553	Full
S. Townley	8-28-15	0	0	10.285	397,625	Full
Average Value		0	0	2.057	Monthly Total Injected	Annulus Volume Added
Highest Value		0	0	10.285		
Lowest Value		0	0	0		
					72	0

Comments: TESTED INJECTION SYSTEM 8-24-15. Apx 70 bbl PUMPED 525 PSI
DURING TEST. 218 BPH FLOW RATE

Certification

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Raymond Price / Northeast Area Manager	Signature 	Date 8-31-15
Steve Willis / Region Manager	Signature 	Date 8-31-15

OPER/INSPTG/72C

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INJECTION WELL MONITORING REPORT
Brine Disposal Well #1, Wayne County, Michigan
UIC PERMIT MI-163-2D-0001

LPG-BD-Permit #146
 Month Sept ✓ Year 2015 ✓

Facility:
 Marathon Pipe Line LLC
 Woodhaven Station
 24400 Allen Road
 Woodhaven MI 48183

Owner:
 Woodhaven Cavern LLC
 539 S. Main Street
 Findlay, OH 45840

Facility Contact:
 Raymond Price
 734/676-7775

Owner Contact:
 Jon Rupp
 419/421-3295

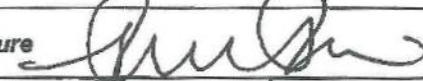
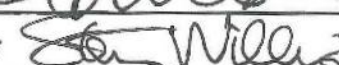
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 OCT 05 2015
 UIC BRANCH
 EPA, REGION 5

			Previous End of Month Close Meter Reading		397625	
Name	Date	Injection Pressure (psig)	Annulus Pressure (psig)	Injection Rate (bbl/day)	Cumulative Volume (bbl)	Annulus Liquid Level
Randy Mananno	9/6/15	0	0	0	397625	Full
Feen Mullins	9-13-15	0	0	0	397625	Full
G. Wilkinson	9-19-15	0	0	0	397625	Full
G. Wilkinson	9-27-15	0	0	0	397625	Full
Average Value		0	0	0	Monthly Total Injected	Annulus Volume Added
Highest Value		0	0	0		
Lowest Value		0	0	0		

Comments: _____

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Raymond Price / Northeast Area Manager	Signature: 	Date: 9-28-15
Steve Willis / Region Manager	Signature: 	Date: 9/28/15

INJECTION WELL MONITORING REPORT
Brine Disposal Well #1, Wayne County, Michigan
UIC PERMIT MI-163-2D-0001

LPG-BD-Permit #146

Month OCT Year 2015

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NOV 06 2015

UIC BRANCH
EPA REGION 5

Facility:
 Marathon Pipe Line LLC
 Woodhaven Station
 24400 Allen Road
 Woodhaven MI 48183

Owner:
 Woodhaven Cavern LLC
 539 S. Main Street
 Findlay, OH 45840

Facility Contact:
 Raymond Price
 734/676-7775

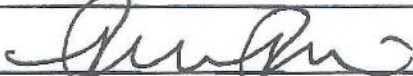
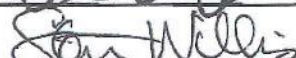
Owner Contact:
 Jon Rupp
 419/421-3295

			Previous End of Month Close Meter Reading		397625	
Name	Date	Injection Pressure (psig)	Annulus Pressure (psig)	Injection Rate (bbl/day)	Cumulative Volume (bbl)	Annulus Liquid Level
F. Mullins	10-4-15	0	0	0	397625	Full
R. Mammio	10/11/15	0	0	0	397625	Full
S. Townley	10-17-15	0	0	0	397625	Full
S. Townley	10-24-15	0	0	0	397625	Full
Average Value		0	0	0	Monthly Total Injected	Annulus Volume Added
Highest Value		0	0	0		
Lowest Value		0	0	0		

Comments: _____

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Raymond Price / Northeast Area Manager	Signature 	Date 11-3-15
Steve Willis / Region Manager	Signature: 	Date: 11/5/15

OPER/INSPTG/72C

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INJECTION WELL MONITORING REPORT

Brine Disposal Well #1, Wayne County, Michigan

UIC PERMIT MI-163-2D-0001

LPG-BD-Permit #146

Month Nov Year 2015

DEC 03 2015

UIC BRANCH

EPA, REGION 5

Facility:

Marathon Pipe Line LLC
Woodhaven Station
24400 Allen Road
Woodhaven MI 48183

Owner:

Woodhaven Cavern LLC
539 S. Main Street
Findlay, OH 45840

Facility Contact:

Raymond Price
734/676-7775

Owner Contact:

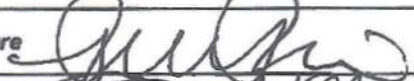

Jon Rupp
419/421-3295

			Previous End of Month Close Meter Reading		397625	
Name	Date	Injection Pressure (psig)	Annulus Pressure (psig)	Injection Rate (bbl/day)	Cumulative Volume (bbl)	Annulus Liquid Level
R. Manno	11/1/15	0	0	0	397625	FULL
F. Mullins	11-8-15	0	0	0	397625	FULL
G. Wilkinson	11/14/15	0	0	0	397625	FULL
G. Wilkinson	11/22/15	0	0	0	397625	FULL
F. Mullins	11-28-15	0	0	0	397625	FULL
Average Value		0	0	0	Monthly Total Injected	Annulus Volume Added
Highest Value		0	0	0		
Lowest Value		0	0	0		

Comments:

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Raymond Price / Northeast Area Manager	Signature: 	Date: 11-30-15
Steve Willis / Region Manager	Signature: 	Date: 11/30/15

OPER/INSPTG/72C

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Rev.8/0

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JAN 05 2016

INJECTION WELL MONITORING REPORT

Brine Disposal Well #1, Wayne County, Michigan

UIC PERMIT MI-163-2D-0001

LPG-BD-Permit #146
Month Dec Year 2015

JAN 05 2016

Facility:
Marathon Pipe Line LLC
Woodhaven Station
24400 Allen Road
Woodhaven MI 48183

Owner:
Woodhaven Cavern LLC
539 S. Main Street
Findlay, OH 45840

Facility Contact:
Raymond Price
734/676-7775

Owner Contact:
Jon Rupp
419/421-3295

		Previous End of Month Close Meter Reading		397625		
Name	Date	Injection Pressure (psig)	Annulus Pressure (psig)	Injection Rate (bbl/day)	Cumulative Volume (bbl)	Annulus Liquid Level
<i>Landmark</i>	12/4/15	0	0	0	397625	FULL
<i>S. Townley</i>	12-12-15	0	0	0	397625	FULL
<i>S. Townley</i>	12-18-15	0	0	0	397625	FULL
<i>C. Barrett</i>	12-25-15	0	0	0	397625	FULL
Average Value		0	0	0	Monthly Total Injected	Annulus Volume Added
Highest Value		0	0	0		
Lowest Value		0	0	0		

Comments:

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Raymond Price / Northeast Area Manager	Signature <i>[Signature]</i>	Date <u>12-30-15</u>
Steve Willis / Region Manager	Signature: <i>[Signature]</i>	Date: <u>12/30/15</u>

OPER/INSPTG/72C

Distribution: Area Office for 2 yrs. plus current year then FRC
Rev.8/0

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